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Atty. Dkt. No. B-0497 PUS

JC20 Rec'd PCT/PTO 22 APR 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: De Haen et al.

Examiner: TBA

Serial No.: TBA

Art Unit: TBA

Filing Date: April 22, 2005

For: METHOD FOR THE SELECTIVE AND QUANTITATIVE FUNCTIONALIZATION OF IMMUNOGLOBULIN FAB FRAGMENTS, CONJUGATE COMPOUNDS OBTAINED WITH THE SAME AND COMPOSITION THEREOF

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INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.97 AND 1.98

Sir:

It is respectfully requested that the accompanying Information Disclosure Statement be considered during the pendency of the prosecution of the concurrently filed application entering the national stage filing of corresponding international application number PCT/EP2003/012514 pursuant to § 1.97(b):

- | | |
|--|---|
| <input checked="checked" type="checkbox"/> | (1) within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) |
| <input checked="checked" type="checkbox"/> | (2) within three months of the date of entry of the national stage as set forth in § 1.491 in an international application |
| <input checked="checked" type="checkbox"/> | (3) before the mailing of a first Office action on the merits; or |
| <input checked="checked" type="checkbox"/> | (4) before the mailing of a first Office action after the filing of a request for continued examination under § 1.114. |

The references, pursuant to § 1.98, are identified on the PTO Form 1449 form and were cited in the PCT International Search Report for corresponding international application number PCT/EP2003/012514. Both the copy of the PCT International Search Report and its references are enclosed.

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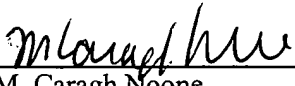
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Under 37 CFR § 1.17(p), the fee of \$180.00 is not believed to be due with the filing of this Information Disclosure Statement as it is not being filed under 37 C.F.R. § 1.97(c) or (d). However, if any fees are deemed necessary, the Director is hereby authorized to charge such fees to Deposit Account No. 50-2168.

Respectfully submitted,

April 20, 2005
Date


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Substitute for form 1449A/B/PTO				Completed by 107532446 Application Number TBA	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date April , 2005	
				First Named Inventor Christoph DE HAEN	
				Art Unit TBA	
				Examiner Name TBA	
				Attorney Docket Number B-0497 PUS	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	5,274,119	12/28/93	Frazier et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear T ⁶
	BA	WO91/04056	4/04/91	Hansen et al.	
	BB				

NON PATENT LITERATURE DOCUMENTS				
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	CA	PCT Search Report for PCT/EP03/12514, mail date 03-22-2004		
	CB	ARTEAGA DE MURPHY et al: "Phosphine Reduced IGG: A New Method For 99MTC Labeling Immunoglobulins" Journal of Radioanalytical And Nuclear Chemistry, Articles, Elsevier Sequoia S.A., Lausanne, CH, vol. 220, no. 1, 1997, pages 41-45, XP000199389		
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	CD	SINGH RAJEEVA et al: "Labeling of antibodies by in situ modification of thiol groups generated from selenol-catalyzed reduction of native disulfide bonds." Analytical Biochemistry, vol. 304, - 2002 pages 147-156, XP001165655		
	CE	ANELLI et al: "L-Glutamic acid and L-lysine as useful building blocks for the preparation of bifunctional DTPA-like ligands" Bioconjugate Chemistry, vol. 10, no. 1, 1999, pages 137-140, ABSTRACT, XP002115959		
	CF	SEITZ U et al: "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183 for radioimmunotherapy of leukaemia' European Journal of Nuclear Medicine, Berlin, DE, vol. 26, no. 10, October 1999 (1999-10), pages 1265-1273, XP000952569, ISSN: 0340-6997		
	CG	YASUSHI FUJIOKA, et al: "Renal metabolism of 3'-iodohippuryl N-maleoyl-L-Lysine (HML)-conjugated Fab fragments" Bioconjugate Chemistry, vol. 12, 2001, pages 178-185, XP001165761		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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